3-247-810-42(1) SONY

Portable MiniDisc Player

Operating Instructions





"WALKMAN" is a registered trademark of Sony Corporation to represent Headphone Stereo products.

MZ-E10









To prevent fire or shock hazard, do not expose the unit to rain or moisture.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

To prevent fire, do not cover the ventilation of the apparatus with newspapers, table- cloths,

curtains, etc. And don't place lighted candles on the apparatus To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the

Certain countries may regulate disposal of the battery used to power this product. Please

The use of optical instruments with this product will increase eye hazard.

CAUTION — INVISIBLE LASER RADIATION WHEN OPEN

DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS

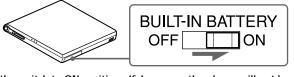
IN NO EVENT SHALL SELLER BE LIABLE FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, OR LOSSES OR EXPENSES RESULTING FROM ANY DEFECTIVE PRODUCT OR THE USE OF ANY PRODUCT.

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area)

Getting started

1 Slide BUILT-IN BATTERY to ON.

The protection for the built-in lithium-ion rechargeable battery is released, power is supplied to the player and recharging of the built-in rechargeable battery becomes

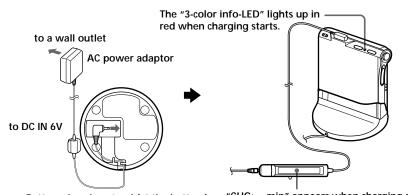


Keep the switch to ON position. If, however, the player will not be used for 3 months or more, set the switch to OFF to prevent degradation of the battery.

When operating the player using the AC power adaptor or a dry battery The player normally needs to be supplied power from the built-in rechargeable battery Make sure to do the following when using the player:

 Keep BUILT-IN BATTERY set to ON no matter what power source you use. Charge the built-in rechargeable battery before it is fully drained.

2 Charge the rechargeable battery.



Battery charging stand (at the bottom)

When the player is placed on the battery-charging stand, the "3-color info-LED" lights

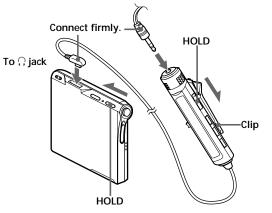
• When the "3-color info-LED" turns off after a short time

When "CHG:- -min" appears in the display on the remote control This is the remaining charging time. It usually takes about one hour to sufficiently charge a mpletely drained battery. At the point the "3-color info-LED" on the player and the display on the remote control go off, the battery is about 80% charged. After about two and half hours, the battery will be fully charged

• It may take up to one minute for the LED or display indication to go on, depending on the battery condition (i.e., whether the bull-in rechargeable battery is drained or not, etc.).

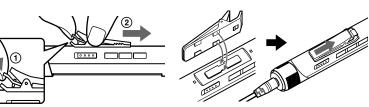
• Charge the battery at a temperature of 0°C (+32°F) to +40°C (+104°F). The charging time may vary, depending on the surrounding temper

Playback and other operations can be done on the player and the remote control while the

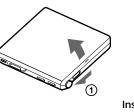


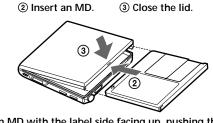
Using the clip for the remote control

It may be hard for you to read the indications in the display if the remote control is in the opposite direction as shown bel

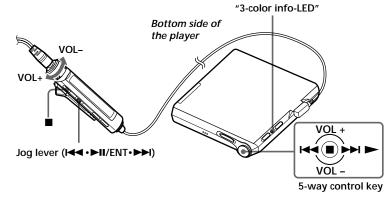


1 Insert an MD.





2 Play an MD.



- ① Press the jog lever (►II) on the remote control. (Press towards ►►I ► on
- ② Turn the volume control towards VOL + or on the remote control to adjust the volume. (Press towards VOL + or - on the player.)
- The volume indicator appears in the display, allowing you to check the volume level.

A long beep sounds in the headphones/earphones. Playback starts from the point you last stopped playing. To start playback from the beginning of the disc, press and hold the jog lever (>II) for 2 seconds or more on the

То	Do this (Beeps in the headphones/earphones)
Pause	Press the jog lever (►II) on the remote control (continuous short beeps). Press the jog lever (►II) again to resume play.
Cue to the current track or the previous track	Slide the jog lever towards ◄ on the remote control (three short beeps). (Press towards ◄ on the player.)
Cue to the next track	Slide the jog lever towards ►► on the remote control (two short beeps). (Press towards ►► on the player.)
Go backwards or forward while playing	Slide and hold the jog lever towards ◄ or ► on the remote control. (Press and hold towards ◄ or ► on the player.)
Searching for a specific position while viewing a elapsed time (Time search)	While the player is paused, slide and hold the jog lever towards ◀◀ or ▶▶ on the remote control.

Searching for a specific While the player is stopped, slide and hold the jog lever towards

or bi on the remote control

Press ■, and then slide OPEN²⁾

Once you open the lid, the point to start play will change to the beginning of the first track (except

The LED indicates the current operating mode, charging status, and battery condition. For

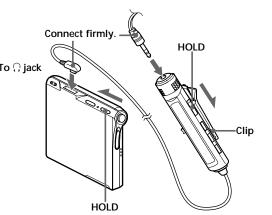
Playing a disc with no group settings

Cueing to another group (Group Skip)

Playing a disc with group settings

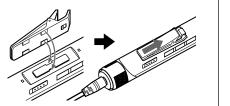
details about the charging status, see "Getting started." For details about the battery condition,

Make connections and unlock the controls.



attached upside down with the clip in its current position. In this case, attach the clip

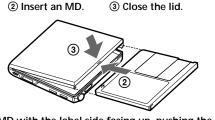
2 Attach the clip in the opposite direction



Playing an MD



1) Slide OPEN to open the lid.



Insert an MD with the label side facing up, pushing the MD to the direction of the arrow in the illustration

- A short beep sounds in the headphones/earphones. The LED lights up.

To stop play, press ■

Cue to the beginning of Press + or - button

 $^{\mbox{\tiny 1)}}$ For more details, see "Using the group function."

About the "3-color info-LED"

when the disc information has been stored in the personal disc men

see "When to recharge the built-in battery" on the back page.

Operating status

track while viewing

track numbers

every 10th track

Remove the MD

settings1)

(only during playback of

the disc with no group

То	Do this (Beeps in the headphones/earphones)
Pause	Press the jog lever (►II) on the remote control (continuous short beeps). Press the jog lever (►II) again to resume play.
Cue to the current track or the previous track	Slide the jog lever towards ◄ on the remote control (three short beeps). (Press towards ◄ on the player.)
Cue to the next track	Slide the jog lever towards ►► on the remote control (two short beeps). (Press towards ►► on the player.)
Go backwards or forward while playing	Slide and hold the jog lever towards ◄ or ► on the remote control. (Press and hold towards ◄ or ► on the player.)
C l. t C t C -	

Playing a track repeatedly (Repeat Play)

You can use the repeat function for normal play, single-track play, shuffle play, and

► Various ways of playback

—DISPLAY

—P MODE/⊊

-"3-color info-LFD

Play mode indication

All the tracks are played

A single track is played

Bookmarked tracks play

All the tracks are played

The tracks are played in

in random order.

specified.

Group play mode (🗀) appears whenever you

play a disc with group settings. For more details, see "Using the group function."

SHUF

Volume control VOI + -

Jog lever (I◀◀ •►II/ENT•►►I)

5-way control key (I← • ▶► I ▶ • ■)

Selecting the play mode

Each time you press the button, the

Play mode

once.

(Bookmark play) back in order of their

(program play) the order that you

play mode changes as follows:

1 Press P MODE/⊊ repeatedly.

≌003 13:52

(normal play)

(shuffle play)

(single-track play) once

Bottom side of the player

1 During playback in the selected play mode, press and hold P MODE/⊊ for 2 seconds or more. "

¬" appears in the display

> Repeat play indication *≌003* 13:52

To cancel repeat play Press and hold P MODE/\$\square\$ for 2 seconds or

repeat play, you can change the play mode to be

Listening to selected tracks only (Bookmark play)

You can bookmark tracks on a disc and play them only. The sequence of bookmarked tracks cannot be changed.

To bookmark the tracks

1 While playing the track you want to bookmark, press and hold the jog lever for 2 seconds or more. **₩**01/20

Flashing slowly

The first track for bookmark play is set.

2 Repeat step 1 to bookmark other tracks. You can bookmark with up to 20 tracks.

To play the bookmarked tracks

- repeatedly until " TrPLAY?" appears
- **2** Press the jog lever The bookmarked tracks start playing, starting with the smallest track number

To erase a bookmark While playing the track for which you want to erase the bookmark, press and hold the jog lever for 2 seconds or more.

If you open the lid, all bookmarks are

Listening to tracks in a desired sequence (Program Play)

- repeatedly until "PGM" appears in the
- **2** Slide the jog lever repeatedly to select a track, and then press the jog lever to enter that track.

track number programmed sequence

- **3** Repeat step 2 to program more tracks. You can program up to 20 tracks.
- After programming the tracks, press The program is stored and playback starts from the first track.
- The program play settings will remain in ven after playback finishes or is

All program settings are lost when the lid is

Using the group function

playback of discs with group settings. The group function is convenient for playback of MDs on which several albums or CD singles have been recorded in MDLP (LP2/LP4)

The group function is provided to allow

What is a disc with group settings? The player can play back tracks in units of

groups: that is tracks that have been recorded on a disc as part of separate groups, as shown The "3-color info-LED" lights up in green when a disc with group settings is being

Before group settings are made (normal play)



Track 1 to 5 are assigned to group 1. Track 8 to 12 are assigned to group 2 Track 13 to 15 are assigned to group 3 Track 6 and 7 are not assigned to a

After setting the group (group play)

	 Disc ——— 	$\overline{}$
Group 1	Group 2	Group 3
12345	6 7 12345	123

Tracks that were not assigned to a group are treated as being part of "Group

The player does not support the recording of

tracks to groups. For details, see "Registering groups using an MD recorder. Playing a track in group play

In group play, all groups are played in order,

starting with group 1, followed by the unassigned tracks ("Group - -"). Playback stops after all the tracks have been played

> repeatedly until "appears in the

Cueing to the start of a group (Group Skip)

On the remote control

1 During playback, press ☐ + or -.
Pressing the ☐ - button cues to the first track in the current group. Pressing the button again cues to the first track of the previous group. During group skip, the "3-color info-LED" on the player flashes

On the player

1 During playback, press GROUP. The "3-color info-LED" lights up in

2 Press **◄◄** or **▶▶**!

Selecting the play mode for group play (Group Play Mode)

The shuffle play and program play function can be used during group play mode.

1 Press P MODE/

□ repeatedly. After normal playback, the following play modes are displayed:

Display	Play mode
(Normal Group Play)	All tracks in the groups play back once (starting with the first track in group 1).
SHUF (In-Group Shuffle)	Shuffle play starts with the group that is currently playing, and continues with the succeeding groups.
PGM	The groups are played

specified.

Repeat play for the selected Adjusting the sound group play mode (Group (Virtual-Surround • 6-Band Equalizer)

1 During playback in the selected group

play mode, press and hold P MODE/\$\sigma\$ for 2 seconds or more.

Playback repeats in the respective

Repeat play of tracks

Repeat shuffle play of

tracks within a group

Repeat play for group

within a group

program

Playing groups in a desired

Do the procedure explained in "Listening to

tracks in a desired sequence (Program Play)

sequence of tracks within the groups cannot

Registering groups using an

An MD recorder with the group function

An MD recorder that does not support the

The procedure below allows you to assign

tracks to a group using the disc name-editing

1 Change the disc name to the following

0;[Disc name] // [First track of group 1]

[First track of group 2] - [Last track of group 2]

by using the MD recorder:

[Name of group 2] //

A Disc name

Track number

Group name

named "Collections"

Group name for tracks 1-7:

Group name for tracks 8-17:

Group name for tracks 18-24:

Group name for tracks 25-32:

1-7;My Favorites"2002winter"//

18-24;THE NIGHT BUTTERFLYS/

 \bullet The characters ";", "/", and "-" can be used in

• You can register the same group name more

• You can specify a group without entering a group name (©) for it.

Up to 99 groups can be registered on a single MD. The actual number, however, will be less

than 99 if you have entered more characters

• Depending on the specifications of your MD recorder, the group function may not work

than twice on the same MD.

than are allowed per disc.

8-17:Jun&Tac"sunshine head"/

25-32:Dream World/Kiss Me!//

Text string entered

a group name.

// Separator between groups

track and the last track

Hyphen placed between the first

(Ex.) Set the following groups for the disc

My Favorites 2002 winte

Jun&Tac"sunshine head

THE NIGHT BUTTERFLYS

Separator between track number and

Refer to the operating instructions of the MD

to play back groups in a desired sequence.

You can program up to 10 groups. The

sequence (Group Program

group play mode.

☐ SHUF ⊂

□ PGM □

MD recorder

Specifying groups

You can vary the virtual sound to create different acoustics, or modify the sound to suit your taste and store it for later use. V-SUR (Virtual-Surround VPT Acoustic

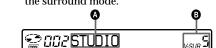
(Virtual-Surround)

Provides 4 kinds of virtual-surround 6-BAND EQUALIZER

Provides 6 different sound qualities

volume setting will be limited to a certain level to Varying the virtual sound to create different acoustics

- **1** During playback, press SOUND **2** Press and hold SOUND for 2 seconds
- **3** Slide the jog lever repeatedly to select



Each time you slide the jog lever, **A** and **B** change as follows

STUDIO V-SUR S LIVE V-SUR L CLUB

4 Press the jog lever to enter the selected

V-SUR A

Selecting the sound quality (6-Band Equalizer)

1 During playback, press SOUND repeatedly to select "SOUND." **2** Press and hold SOUND for 2 seconds

ARENA

[Last track of group 1]; [Name of group 1] // **3** Slide the jog lever repeatedly to select

the SOUND mode

€002 HEAVY Each time you slide the jog lever, **A** and **B** change as follows:

A	B
HEAVY	SOUND H
POPS	SOUND P
JAZZ	SOUND J
UNIQUE	SOUND U

SOUND 1

CUSTOM2 SOUND 2 **4** Press the jog lever to enter the selected

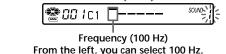
CUSTOM1

SOUND mode.

To cancel the procedure Press and hold the DISPLAY button or the button for 2 seconds or more To cancel the setting

Slide the jog lever repeatedly in step 1 above until the indication at **3** disappears. To modify and storing the sound You can customize the sound settings in "CUSTOM1" and "CUSTOM2."

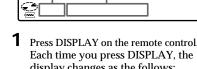
- 1 Do steps 1 to 3 above, and then slide the jog lever until "CUSTOM1" or "CUSTOM2" appears.
- **2** Press the jog lever
- ${f 3}$ Slide the jog lever repeatedly to select the



250 Hz, 630 Hz, 1.6 kHz, 4 kHz, or

6 Press the jog lever to enter the selection.

Viewing the track name display on the remote control



	Track number	The elapsed tir
_	Track number	Track name
	The number of total tracks in the group	Group name
	The number of total tracks	Disc name
	Track number	Sound mode

Track number

• Depending on whether group play or normal play is selected, the operating conditions, and the disc settings, you may not be able to select certain indications or the indications ma

SP/LP mode

appear different. During playback, the SP/LP mode appears momentarily, and is then replaced by the elapsed time of the current track.

Suppressing the skips of the sound (G-PROTECTION)

to provide a higher level of shock resistance than that of existing players in order to allow the player to be used while jogging.

The G-PROTECTION function was developed

The playback sound may skip if: the player receives stronger continuous shock
a dirty or scratched MiniDisc is played.

Level (+6 dB) You can select from among five levels -6 dB, -3 dB, 0 dB, +3 dB, +6 dB

Turn the volume control repeatedly to

| **∰** ∭ (C1 □---- sound)

adjust the level.

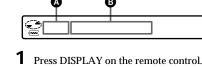
5 Repeat steps 3 and 4 to adjust the level

When you assign "SOUND" settings to "CUSTOM1" or "CUSTOM2," the maximum

► Other operations

and playing time in the

You can check the track or disc name, track number, the elapsed playing time of the current track, the number of the tracks recorded on the MD, the group name, and the total number of tracks in a group A **3**



Truck number	Track Haine
The number of total tracks in the group	Group name
The number of total tracks	Disc name

-DISPLAY

-HOLD

Once you open the lid, the playback speed

Storing the settings for

(Personal Disc Memory)

Settings can be memorized for a disc. Once

display, the settings are recalled, and applied

memorized. "PERSONAL" appears in the

individual discs

whenever the disc is inserted.

Play mode

Bookmark

Program setting

The following settings can be stored:

Virtual surround/6-band equalize

Playback speed (Digital Pitch Control)

This procedure can be done by the remote

2 Slide the jog lever repeatedly until

then press the jog lever.

P#########

4 Press the jog lever to enter the

1 Press and hold DISPLAY for 2 seconds

'USEFUL" appears in the display, and

"Entry OK" appears in the display and

the disc settings are stored in the

To erase the information recorded

Insert the disc whose information is to be

erased and verify its contents. After step 3

above, slide the jog lever repeatedly to flash

"Erase?" in the display. And then press the

jog lever to enter the selection. "Erase OK"

If you try to erase the disc information of a

disc that has never been stored, "No Entry!"

• Settings can be stored for up to 20 discs. Any

settings for the MD with the oldest playback

If you use another MD recorder to edit or add

tracks to a disc whose settings have been stored

settings stored thereafter will replace the

on the player, the disc will no longer be

information will become useless.

recognizable by the player and the stored

appears in the display and the disc

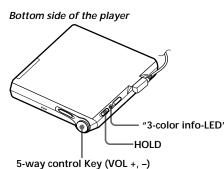
information is erased.

appears in the display.

in personal disc memory

reverts back to the normal speed (0%) −P MODE/⊂ When using digital pitch control, you may hear noise or an echo in the playback.

Jog lever (I◀◀ • ►II/FNT• ►►I



Starting playback quickly (Quick Mode)

After pressing the playback button or cueing to a track, you can start playback quickly This procedure can be done by the remote

- **3** Slide the jog lever repeatedly until 'PERSONAL" appears in the display, 1 Press and hold DISPLAY for 2 seconds and then press the jog lever "Entry?" flashes in the display
- **3** Slide the jog lever repeatedly until 'PowerMode" appears in the display, and then press the jog lever.

then press the jog lever.

2 Slide the jog lever repeatedly until

"OPTION" appears in the display, and

4 Slide the jog lever repeatedly until "QUICK" appears in the display, and then press the jog lever to enter the "QUICK" appears in the display.

To cancel the procedure

Press and hold the DISPLAY button or the ■

To cancel the setting Select "NORMAL" in step 4 above.

· When the power mode is set to "QUICK," the power remains on within the player even when nothing appears in the display. This leads to a shorter battery life. For this reason, it is nded that you charge the battery dail • If no player operation (including opening or

closing of the lid) occurs for 17 hours, the power in the player automatically turns off. For this reason, the next time you start playback or do another operation, the player will not respond quickly. The unit, however will return to quick mode afterwards.

Setting the alarm Changing the playback (Melody Timer) speed (Digital Pitch Control)

The alarm is convenient way to remind The speed control function is useful for yourself of important times, such as when to language study and other purpose. This get off the train. The alarm can be set to go function changes the playback speed without off in 1 to 99 minutes. The alarm will also go changing the playback pitch. off while the player is stopped The playback speed can be varied from This procedure can be done by the remote +100% to -50% the normal speed, in 13 steps This procedure can be done by the remot

1 During playback, press and hold DISPLAY for 2 seconds or more.

"USEFUL" appears in the display, and

2 Slide the jog lever repeatedly until

3 Slide the jog lever repeatedly until

"DPC" appears in the display, and

The player changes to speed-setting

mode. Select the speed while listening

the speed, and then press the jog lever

then press the jog lever.

then press the jog lever.

₩ 002 DPC(+ 50%)

to enter the speed.

4 Slide the jog lever repeatedly to selec

"DPC" appears in the display

2 Slide the jog lever repeatedly until "USEFUL" appears in the display, and then press the jog lever **3** Slide the jog lever repeatedly until

1 Press and hold DISPLAY for 2 seconds

- "M-TIMER" appears in the display and then press the jog lever.
- **4** Slide the jog lever repeatedly until "ON" appears in the display, and then press the jog lever. (•) appears.

*∰00}*TIMER (-

cvci.	
Display	Alarm sound
TIMER 1"	Classical music 1
TIMER 2"	Classical music 2
TIMER 3"	Classical music 3

5 Slide the jog lever repeatedly to select

the melody, and then press the jog

6 Slide the jog lever repeatedly to specify

	200	:TIME:01
--	------------	----------

Each time you slide the jog lever, the indication moves from "TIME:01" to "TIME:99" (1 minute to 99 minutes) in one- minute intervals.

7 Press the jog lever to enter the setting.

To cancel the procedure Press and hold the DISPLAY button or the ■ button for 2 seconds or more

To check the remaining time until the alarm Stop playback. The remaining time will

ear in the display after a short while Do steps 1 to 6 again to display the remaining time during play or play-pause To cancel the alarm settings

Select "OFF" in step 4 above To stop the alarm

Press any button to stop the alarm.

• If you end the procedure with step 4, the evious setting is automatically used

• After sounding for 1 minute, the alarm will automatically stop and the alarm setting will be canceled. If the alarm stops during stop mode, then the power will automatically turn off 10 seconds after the alarm stops. If the alarm stops while an MD is playing, the playback will

The timer will begin counting from the moment you select "ON" in step 4. When you change the alarm setting in step 6, timer will begin counting again with the new alarm setting

Protecting your hearing (AVLS)

AVLS (Automatic Volume Limiter System) function keeps down the maximum volume to protect your ears.

- **1** During playback, press and hold DISPLAY for 2 seconds or more.
- **2** Slide the jog lever repeatedly until "OPTION" appears in the display, and then press the jog lever.
- **3** Slide the jog lever repeatedly until "AVLS" appears in the display, and then press the jog lever.
- **4** Slide the jog lever repeatedly until "AVLS ON" appears in the display and then press the jog lever to enter the "AVLS ON" appears in the display.

To set the AVLS function on the

During playback, slide HOLD in the direction of >, and then while pressing towards VOL slide HOLD in the opposite direction To cancel the AVLS function

On the remote control, select "AVLS OFF" in step 4 above and press the jog lever On the player, during playback, slide HOLD in the direction of ▶. and then while pressing towards VOL +, slide HOLD in the opposite

Turning off the beep sound and then press the jog lever.

when the player and remote control are This procedure can be done by the remote

1 Press and hold DISPLAY for 2 seconds

- **2** Slide the jog lever repeatedly until "OPTION" appears in the display, and then press the jog lever. **3** Slide the jog lever repeatedly until
- "BEEP" appears in the display, and then press the jog lever. **4** Slide the jog lever repeatedly until
- "BEEP OFF" appears in the display and then press the jog lever to enter the selection. To cancel the procedure

Press and hold the DISPLAY button or the

To cancel the setting Select "BEEP ON" in step 4 above.

button for 2 seconds or more

Turning on/off the backlight in the display of the remote control

You can set the backlight in the display on the This procedure can be done by the remote

- **1** Press and hold DISPLAY for 2 seconds
- **2** Slide the jog lever repeatedly until "OPTION" appears in the display, and then press the jog lever Slide the jog lever repeatedly until "Backlight" appears in the display, and
- **4** Slide the jog lever repeatedly to select one of the following settings:

then press the jog lever.

Display	Setting
AUTO	The backlight lights when you operate the player or the remote control, and automatically turns off when no operation is made for a while (factory setting).
ON	The backlight lights while the player is operating.
OFF	The backlight stays off.
_	

5 Press the jog lever to enter the setting.

Locking the controls (HOLD)

1 Slide HOLD on the remote control in the direction, and slide HOLD on the player in the ▶ direction. Sliding HOLD on the remote control disables the controls on the remote control. Sliding HOLD on the player disables the controls on the player.

To unlock the controls Slide HOLD to the opposite directions of the

Preserving battery power (Power Save Mode)

This function allows you to maximize the operating life of the battery. Power consumption is reduced by turning off the "3-color info-LED" at all times, or by turning off the display when no operation has been This procedure can be done by the remote

- **1** Press and hold DISPLAY for 2 seconds
- **2** Slide the jog lever repeatedly until "OPTION" appears in the display, and then press the jog lever.

3 Slide the jog lever repeatedly until "PowerMode" appears in the display

You can set the beep so that it is not emitted

4 Slide the jog lever repeatedly until 'PowerSave" appears in the display, and then press the jog lever to enter the The "3-color info-LED" turns off.

To cancel the procedure Press and hold the DISPLAY button or the button for 2 seconds or more.

To turn on the "3-color info-LED" Select "NORMAL" in step 4 above

▶Power sources

When to recharge the built-in battery

Indicator on the remote control

You can check the battery condition through the battery indicator on the remote control and the "3-color info-LED" on the player while using the player

> Battery power decreasing Weak battery The battery has gone out.

display, and the power goes off Indicator of the "3-color info-LED" on the The LED lights up.

"LOW BATT" flashes in the

There is sufficien

battery power. The LED flashes slowly. Battery power

The LED flashes quickly. The battery is low The LED will soon supply of power will

built-in

• The battery indicator may show the battery to be fully charged even when it is not. Charging the battery shorter than the prescribed time wi result in a shorter operating time on the playe A stronger or weaker battery charge may be indicated when you fast forward or fast reverse an MD, or when you use the player at a very

Measured with the power save function on (see

"Preserving battery power").
Measured in accordance with the JEITA (Japan

dustries Association) standard (using a Sony

Electronics and Information Technology

The battery life may be shorter than that

Using house current

specified, depending on the operating conditions,

You can operate the player even if the built-in

battery is exhausted. To do this, connect the

battery charging stand to an AC outlet

through the AC power adaptor, and then

MDW-series Mini-disc)

With a fully charged battery

the temperature of the location.

place the player on the stand

Battery life1 (Unit: Approx. hours) (JEITA²⁾) Batteries

remove the player from the battery charging stand and remove the AC power adaptor from SP Stereo LP2 LP4 the wall outlet. If the player will be unused (normal) Stereo Stereo for 3 months or more, we also recommend that you turn the BUILT-IN BATTERY switch (for I.ithium-ion 23 33 built-in rechargeable battery) on the side of the rechargeable player off.

> On disposing of the unit Before you dispose of the unit, remove the built-in rechargeable battery for environmental protection.

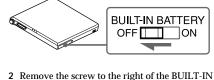
• Do not remove the screw except when

disposing of the unit. · Before removing the built-in rechargeabl

Do the following procedure to remove the built-in rechargeable battery. When removing

the battery, use sharp-tipped tweezers.

1 Slide the BUILT-IN BATTERY switch on the



charging or operated for a long time. This,



► Additional information 3 Open the lid

Precautions

· Make sure to keep the player in the supplied

or battery charging stand are accidentally

brought into contact with a metallic object

Keep the terminals on the player away from

short-circuit the terminals and cause

dangerous heat generation.

plug itself: never pull the cord.

malfunction.

On charging

they may short-circuit and begin to heat up.

metallic objects or surfaces. Such contact may

Do not put any foreign objects in the DC IN 6V jack.

· If you will not use the player for a long time

be sure to disconnect the power supply (AC power adaptor or battery charging stand).

When disconnecting the AC power adaptor

On the AC power adaptor (for the

supplied battery charging stand)

· For use in your house: Use the supplied

power adaptor. Do not use any other AC

power adaptor since it may cause the player to

 $\Leftrightarrow = \bigcirc \bigcirc$

Polarity of the plug

· Connect the AC power adaptor to an easily

abnormality in the AC power adaptor,

to charge any other models.

lithium-ion battery.)

accessible AC outlet. Should you notice an

disconnect it from the AC outlet immediately

used only with the MZ-E10. It cannot be used

Charge the built-in battery at a temperature of

0°C (+32°F) to +40°C (+104°F). The charging

nperature. (If the surrounding temperatur

longer. This is a characteristic of the built-in

ocedure; this, however poses no danger

Because of the battery's characteristics, the

capacity of the built-in rechargeable batter

may be smaller than normal when it is used

for the first time or after a long period of disuse. In this case, charge and discharge the

battery several times. The normal battery life

· If the life of the built-in rechargeable battery

drops to half the normal length, the battery

should be replaced. Consult your nearest

• If the player will be unused for a long time,

time will vary according to the surrounding

is low, the required charging time will be

The battery charging stand and the player

may become hot during the charging

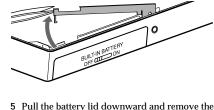
from the electrical outlet, grasp the adaptor

carrying pouch. If the terminals on the player

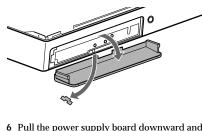
On safety



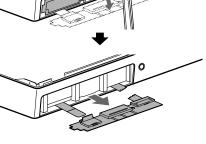
4 Pull up on the battery holder to remove

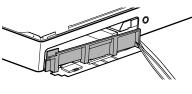


lid and the switch piece



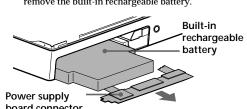
detach it from the built-in rechargeable batter and the player.





7 Remove the board holder

8 While pulling out the power supply board,



9 Attach a piece of insulating tape over the power supply board connector

On handling

- Do not drop or bump the player. This may cause the player to malfunction. • Do not pull on the remote control or
- headphones/earphones cords • Do not place the player in the following
- An extremely hot place (over 60°C (140°F)) A place exposed to direct sunlight or near a
- In a car with the windows rolled up (especially in the summer) – În a damp place such as a bathroon Near a source of electromagnetic fields such
- as a magnet, speaker, or TV On heat build-up Heat may build up in the player when it is

On mechanical noise The player emits mechanical noise while

being used with the AC power adaptor. Hea

build-up in the player may cause malfunction

operating, which is caused by the powersaving system of the player. This is not a

On installation Never use the player where it will be subjected to extremes of light, temperature, moisture or · Never wrap the player in anything when it is

On the remote control The supplied remote control is designed for use with the MZ-E10 only. Note also that the

cted to light, temperature, moisture o

Do not affix the label outside of the specified

within the recessed space on the disc.

On the headphones/earphones

• Do not use headphones/earphones while

is illegal in many areas. It can also be

pedestrian crossings. You should exer

player in potentially hazardous situa

driving, cycling, or operating any motorized

high volumes while walking, especially at

extreme caution or discontinue using the

vehicle. This may lead to a traffic accident and

ially dangerous to play your player a

Road safety

area on the MD. Make sure the label is placed

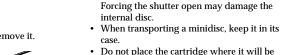
player cannot be controlled by remote

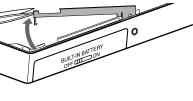
Do not touch the internal disc directly

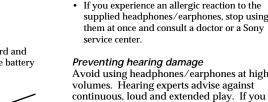
controls for other models.

On the MiniDisc cartridge









experience a ringing in your ears, reduce the volume or discontinue use Caring for others Keen the volume at a moderate level. This will allow you to hear outside sounds and to

be considerate of the people around you.

On cleaning After wiping the player casing with a soft

again with a dry cloth. Do not use any type of abrasive pad, scouring powder or solvent sucl as alcohol or benzene as this may mar the finish on the casing.

• Wipe the disc cartridge with a dry cloth to Dust on the lens may prevent the unit from

operating properly. Be sure to close the disc compartment lid after inserting or ejecting an To maintain good sound quality, use a sof cloth to clean the plugs of the headphones

earphones and remote control. A dirty plug may cause noise or intermittent breaks in the sound during playback If you have any questions or problems

concerning your player, please consult you nearest Sony dealer. (If a trouble occurred when the disc was in the player, we commend that the disc be left in the playe when you consult your Sony dealer so that the cause of trouble may be better

Troubleshooting

The built-in rechargeable battery does not charge. • The rechargeable battery has been fully charged. (The battery is charged when

 Check the battery indicator on the remote control for the remaining

• The built-in rechargeable battery is drained. (If the player is on the battery charging stand, the "3-color info-LED" does not light on or the "CHG:-indication does not appear in the lisplay on the remote control.)

→ It takes about one minute after

placing the player on the battery stand for an indication to appear and charging to start. • The surrounding temperature is too

high or too low ("CannotCHG" appears in the display). → Charge the battery at a temperature of 0°C (+32°F) to +40°C (+104°F).

The "3-color info-LED" does not light up even when the player is placed on the • The BLILLT-IN BATTERY switch on the

side of the player is turned off. ➤ Turn the BUILT-IN BATTERY switch on.

The player does not work or works

• You tried to play with no disc in the player ("NO DISC" appears on the remote control).

HOLD" appears on the remote

direction of the arrow to release the

• The BUILT-IN BATTERY switch on the

→ Slide HOLD in the opposite

→ Turn the BÜILT-IN BATTERY

You pressed a button on the player

• Moisture has condensed inside the

Take the MD out and wait for

• The built-in rechargeable battery is

Recharge the built-in battery

weak ("LOW BATT" appears on the

• An MD with nothing recording on it is

inserted ("BLANKDISC" appears on

• The player cannot read the disc. (it's

scratched or dirty) ("READ ERR" or

"TOC ERR" appears on the remote

• While operating, the player received a

mechanical shock, too much static,

Restart the player as follows:

abnormal power voltage caused by

→ Reinsert or replace the disc.

while making a setting on the remote control. ("MENU" appears on the

emote control when a button on the

End the setting procedure using the

several hours until the moisture has

→ Insert an MD. · The hold function is activated and the

hold function.

switch to on.

player is pressed.)

evaporated.

the remote contro

control.)

Insert a recorded MD.

side of the player is off.

controls are locked. (If you press any of the operation buttons on the player.

→ Because of the nature of the compression method used in LP4 $\,$ mode, noise may be output on very rare occasions during playback of sound recorded in this mode

During playback, the "3-color info-LED" or display on the remote control does not turn on. • Power save mode is activated

→ Cancel power save mode.

The group function does not function • A disc that has no group settings is → Insert a disc with group settings

Specifications Audio plaving system

Solomon Code)

Sampling frequency

2 stereo channels

MiniDisc digital audio system Laser diode properties Wavelength: $\lambda = 790 \text{ nm}$ Laser output: less than 44.6 µW* output is the value measured at a distant of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aper Approx. 300 rpm to 2,700 rpm ACIRC (Advanced Cross Interleave Reed

44.1 kHz Coding
ATRAC (Adaptive TRansform Acoustic Coding) ATRAC3: LP2/LP4 EFM (Eight to Fourteen Modulation Number of channels

remote control jack, maximum output level

"When to recharge the built-in battery

 $(3^{1}/_{4} \times 2^{7}/_{8} \times {}^{13}/_{32}$ in.) (not including projecting parts and controls)

Approx. 55 g (1.9 oz) (including the built-in

AC power adaptor (for the supplied battery

US and foreign patents licensed from Dolby

MDR series stereo headphones/earphones

* On the stereo headphones/earphones

earphones directly to the Ω jack on the main

neadphones/earphones with stereo min

Some models of noise cancelling headphones

earphones cannot be used with the MZ-E10.

For Sony products, there are the MDR-NC20,

plugs. Headphones/earphones with a

microplug cannot be used.

MDR-NC11, and MDR-NC5.)

listed accessories. Please ask the dealer for

detailed information about the accessories in

Design and specifications are subject to change

Headphones/earphones with a remote control (1)

Approx. $81.9 \times 72.2 \times 9.9 \text{ mm (w/h/d)}$

5 mW + 5 mW load impedance 16Ω

Battery operation time

rechargeable battery)

Supplied accessories

Battery charging stand (1)

Optional accessorie

SRS series Active Speakers

AC power adaptor

AĈ-E60HG

charging stand) (1) Headphone adaptor (1)

Carrying pouch (1)

1 Turn the BUILT-IN BATTERY 1 monaural channe switch on the side of the player Frequency response 20 to 20,000 Hz ± 3 dB 2 Let the player sit for about 30 Headphones/earphones: dedicated headphon

switch on and connect the player Power requirements to a power source Lithium-ion rechargeable battery (Built-in: LIP-3WMB. 3.7 V. 340 mAh. Li-ion) There is no sound output from the External power jack (for the battery charging stand): Power rating 6 V DC headphones/earphones.

• The headphones/earphones plug is not firmly inserted.

→ Insert the headphones/earphones plug firmly to the remote control

➤ Insert the headphones/earphones

3 Turn the BUILT-IN BATTERY

plug firmly into the Ω jack. AVLS is on

→ Cancel the AVLS function. For more details, see "Protecting your

you try to increase it with the volume • The "CUSTOM1" or "CUSTOM2" on "SOUND" settings are being applied.

The volume does not rise even when

→ This is not malfunction. When either of these settings is applied be limited to a certain level to prevent excessive loudness.

The MD does not play normally. → Press and hold the P MODE/

ton on the remote control until "

¬" disappears, then start playing. The MD does not play from the first

• The disc stopped playing before reaching the last track → Open the lid, or while the player is

stopped, press and hold the jog lever for 2 seconds or more to start playing from the first track. The playback sound skips

• The player is placed where it receives nuous vibration. → Place the player at a stable place.

· A very short track may cause sound to

other device causing interference. → Move the player away from the

source of strong magnetism Noise is momentarily heard. • The sound was recorded in LP4 stereo

• Strong magnetism from a television or

The sound has a lot of static.

Stereo mini plug (supplied)

Connecting a headphones/earphones

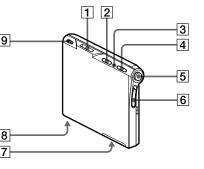
Headphone adaptor

supplied headphone adaptor as follows:

directly to the player

Parts and controls

The Playe



GROUP button

'3-color info-LED"

HOLD (Locking the control) switch 5 5-way control key (I◀◀ • ▶►) •■•VOL + -)

6 OPEN switch

7 BUILT-IN BATTERY switch (at the 8 Terminals for charging stand (at the

9 Hand strap hole Use the hole to attach your strap has a tactile dot

The display window of the remote

Disc indication Track number display

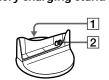
Character information display Group play indication Play mode indication 6 Virtual Surround/6-band equalize

indications 7 Battery level indication

9 Alarm indication

The battery charging stand

Bookmark indication



1 DC IN 6V jack (at the bottom Terminals for charging

remote control

The headphones/earphones with a

Headphones/earphone Stereo mini plug 3 Volume control VOL +. -Turn to adjust the volume

■ (stop) button Jog lever (I◀◀ • ▶II / ENT • ▶▶I) (Group) +, - buttor

HOLD switch Display window

P MODE / (play mode/repeat) button 12 SOUND button

10 DISPLAY button

http://www.sonv.net/